PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2001-043069

(43) Date of publication of application: 16.02.2001

(51)Int.CI.

G06F 7/58

G09C 1/00

(21)Application number: 11-216799

(71)Applicant : SONY CORP

(22)Date of filing:

30.07.1999

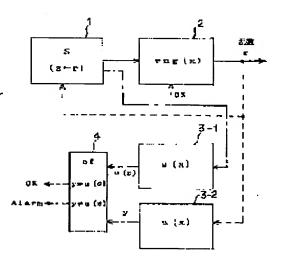
(72)Inventor: IGARASHI EIJI

(54) RANDOM NUMBER GENERATOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a random number generator capable of improving the reliability of security by providing the continuation of values different every time when a power source is turned on.

SOLUTION: The random number generator for continuously generating random numbers by using a mathematical method, is provided with a storage circuit 1 for preserving the random number to be finally generated from a random number generation function rng (x) arithmetic circuit 2 when the operation of the device is stopped and in the case of next restarting the operation, the random number generation function rng (x) arithmetic circuit 2 generates random numbers on the basis of the value stored in this storage circuit 1.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]